At Jacobson Junior High, students voted for student council president. The results are shown below.

Candidate	Grade 7	Grade 8	Grade 9	Total
Zoe	45	20	60	125
Alessandro	30	60	90	180
Total	75	80	150	305

4) Who was the winner of the election? Alessandro

5) Complete the table.

6) How many 8th grade students voted? 80

7) How many students voted? 305

D. **ACT level questions:**

The ACT will typically make a multiple choice question with statements that require you to keep track of more than one piece of information. You are STRONGLY ENCOURAGED to write things down rather than remember them all in your head!

You should also CAREFULLY read the question, they like to change between: True, False, and Not True.

Based on the two way table below, select each statement that is **not true.**

A ball park employee was deciding whether to lease space to a pizza vendor or hamburger vendor. He decided to survey people in attendance at a game about their favorite food. His results are shown below.

Food	Pizza	Burgers	Total
Kids	15	b 35	50
Adults	a 24	c 26	50 d
Total	39	61	100

a) More adults prefer pizza than burgers.

b) The number of adults surveyed is less than the number of kids surveyed?

c) The number of kids who prefer burgers is greater than the number of kids who prefer pizza.

d) Both kids and adults prefer burgers.

$$\frac{15 \ \text{Part kids}}{50 \ \text{Total kids}} \times 100$$

e) Thirty percent of kids prefer pizza

Probability and Percent Reminder

1. Probability/Percent requires a ratio (in math it is written as a fraction). The numerator represents the __Partial__ outcome and the denominator represents the __Total__ outcomes.

2. To turn a fraction into a percent you… divide $\frac{\text{part}}{\text{total}} \times 100$